(#5)

PAGE 53/60 * RCVD AT 10/31/2005 12:02:29 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-5/25 * DNIS:7466630 * CSID:703 308 4221 * DURATION (mm-ss):29-26

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<u>RAW SEQUENCE LISTING</u>

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10\529,319

Source: PCT

Date Processed by STIC: 10\31\2005

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/529,319

DATE: 10/31/2005
TIME: 11:07:54

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Output Set: N:\CRF4\10312005\J529319.raw

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 2        RAOULT, Didier
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 4 <130> FILE REFERENCE: 123296
 5 <140> CURRENT APPLICATION NUMBER: US/10/529,319
 6 <141> CURRENT FILING DATE: 2005-03-25
 7 <150> PRIOR APPLICATION NUMBER: FR 02/13792
 8 <151> PRIOR FILING DATE: 2002-11-05
 9 <160> NUMBER OF SEQ ID NOS: 52
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PAGE 55/60 * RCVD AT 10/31/2005 12:02:29 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-5/25 * DNIS:7466630 * CSID:703 308 4221 * DURATION (mm-ss):29-26

Page 2 of 8

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              PATENT APPLICATION:  US/10/529,319   TIME: 11:07:54

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Page 4 of 8

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215     caatcgagac gccagaaggt cctaacatcg ggttgattaa cagcttgtct tcttatgcca  1800
216     agattaacaa gtatggtttt attgagacgc cttaccgtaa agtggacaaa tcggttacgc  1860
217     cacaccgtgt cacgaccgaa attgactacc tagcgcgga cgaggaagac ttgtacgtag  1920
218     tagcccaagc caactctaaa cttaacgaag acgggacctt cgccaatgac ctagttatgg  1980
219     cgcgtttccg ttcacaaaac attgaggtta acgttgacca agtagactac atggacgtat  2040
220     cgccaaaaca ggttgtcgct gttgcgactg ctagcattcc gttcttggaa aacgacgact  2100
221     ccaaccgggg cttgatgggt gctaacatgc aacgtcaagc tgtgccactt attaatccac  2160
222     aatccccact gattgggact gggatggaat ataaggcagc acacgactct ggggctgcgc  2220
223     tcttatgtaa gcgcgccggt gaagtggttt atgtcgatgc taacaaggtg cgcgtgcgca  2280
224     ctccagaagg tgaagttgac gaataccgtt taaccaagtt tgcacgttct aacgctggga  2340
225     cctgttacaa ccaacgtcca atcgtagaat taggcgacca agttgatgcc ttggaaatct  2400
226     tagcagatgg tccatctatg caaaatgggg agatggccct cggtcaaaac ccactggtag  2460
227     ccttcatgac ttgggaaggg tataactatg aggacgcggt tatcatgtct gaacgtctgg  2520
228     tcaaagacga tgtttatacc tctatccaca ttgaagaata tgaatcagag tcccgtgaya  2580
229     cyaagttagg ccctgaagaa attacacgcg aaattccaaa cgtgtccgaa gatgccctca  2640
230     agtacttaga caaagacggg attatctgta tcggggcgga agtaaaagac ggcgatatct  2700
231     tagttggtaa ggtaacacca aaggtgtga ccgagttgtc tgcggaagaa cgcttgctcc  2760
232     atgctatctt cggtgagaag gcgcgtgaag tacgtgatac ttccttgcgt gtgccacacg  2820
233     gcgggggcgg gattgtccac gatgttaaaa tctttacccg cgaagctggc gacgaattgg  2880
234     caccaggtgt caacaagcta gtccgcgtct acatcgtaca aaaacgtaaa atcaatgaag  2940
235     gggataagat ggccggtcgt caggtaaca aaggggttgt ctcccttatc atgccggaag  3000
236     aagatatgcc attcttacca gatggtaccc cagttgatat catgttgaac ccattagggg  3060
237     ttccatcccg tatgaacatc gggcaagtcc tagagttaca cttggggatg gctgctcgcg  3120
238     aaatgggcat caagattgca acacctgtct ttgacggtgc tagtgaagaa gatgtctggg  3180
239     aaacagttaa ggaagccggc ttgaagctg acgctaagac tatcttatat gatggtcgaa  3240
240     ccggtgaacc atttgaccgt aagtctctg ttggggttat gtacatgatt aagttggccc  3300
241     acatggtcga tgacaagttg cagcccgtt caacaggtcc atactctctg gttacccaac  3360
242     aaccattggg tggtaaagct caatttggtg ggcaacgttt cggggagatg gaggtttggg  3420
```

```
          RAW SEQUENCE LISTING ERROR SUMMARY        DATE: 10/31/2005
          PATENT APPLICATION:  US/10/529,319        TIME: 11:07:55

          Input Set : N:\Crf4\Refhold\10_folder\J529319.raw
          Output Set: N:\CRF4\10312005\J529319.raw
```

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:1; N Pos. 266,1705,1735,1786,1879,2055,2059,2074,2087,2090,2159,2182
Seq#:1; N Pos. 2207,2287,2296,2315,2376,2633,2915,4132,4143,4184,4187,4207
Seq#:1; N Pos. 4223,4264,4277,4335,4336,4344,4351,4422,4430,4432,4433,4447
Seq#:1; N Pos. 4500,4501,4503
Seq#:4; N Pos. 619,662,788,789,1091,3101,3173,3193
Seq#:6; N Pos. 6
Seq#:7; N Pos. 3
Seq#:40; N Pos. 8
Seq#:42; N Pos. 3
Seq#:43; N Pos. 3
Seq#:52; N Pos. 15
```

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

```
Seq#:1; Line(s) 3
```

PAGE 60/60 * RCVD AT 10/31/2005 12:02:29 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-5/25 * DNIS:7466630 * CSID:703 308 4221 * DURATION (mm-ss):29-26

Page 7 of 8

VERIFICATION SUMMARY   DATE: 10/31/2005
PATENT APPLICATION: US/10/529,319   TIME: 11:07:55

Input Set : N:\Crf4\Refhold\10_folder\J529319.raw
Output Set: N:\CRF4\10312005\J529319.raw

```
L:33 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:240
L:57 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1680
L:58 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1740
L:60 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1860
L:63 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2040
L:64 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2100
L:65 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2160
L:67 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2280
L:68 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2340
L:72 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2580
L:77 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2880
L:97 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4080
L:98 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4140
L:99 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4200
L:100 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4260
L:101 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4320
L:102 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4380
L:103 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4440
L:104 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4500
L:264 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
L:265 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:660
L:267 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:780
L:272 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1080
L:305 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3060
L:306 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3120
L:307 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3180
L:376 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:391 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:952 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:970 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:981 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1048 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
```

file:///C:\CRF4\Outhold\VsrJ529319.htm   10/31/05